



How Technology, Science, & Art Are Changing Our Perception of Time

An open forum & roundtable discussion with contributors to the ArcheTime Project & *Infinite Instances: Studies & Images of Time*

Thursday, March 20, 2014, 7 p.m. @ Haber Space • CENTRAL BOOKING • 21 Ludlow St • NY 10002

Panelists: Richard Leslie, Norman Zabusky, Jeremy Newman, Jacques Laroche, Olga Ast, David Pleasant

Moderator: Catherine Rutgers

Richard Leslie. *Art in & Out of Time*

Norman Zabusky. *From nano-seconds to billions of years: Data & imagery of natural phenomena at very short & relatively long times*

Jeremy Newman. *Film Collage: Truths of No Time*

Jacques Laroche. *Instantaneity: Technology & the Transmutation of Time (and space)*

Olga Ast. *Space/Time/Tech*

David Pleasant. *Beyond Clone-time: Human Capacities/Technologies in Non-determinate RTS (Rhythm-Time-Space) Conceptualization*

Animal Patterning Project: synthetic biological & software generated evolution of animal patterning, a short video by Debra Swack, will be shown at the event. Ellen Wiener, Linda Stillman, Ula Einstein, Jayoung Yoon & other contributors are participating in the forum.

Dr. Richard Leslie has been Visiting Assistant Professor of art history & criticism at the State University of New York-Stony Brook since 1990 & is a member of the Graduate Faculty at the School of Visual Arts, New York City. He has published dozens of reviews & articles with books on Pop Art, Picasso & Surrealism, served as Managing Editor of the journal *Art Criticism*, as Foreign Correspondent & now Contributing Editor for *Art Nexus* magazine. Dr. Leslie is recipient of several fellowships & served on the Board of Directors, ASCI, for 20 years.

Dr. Norman Zabusky is an American physicist. He retired from Rutgers as Emeritus Professor & has been visiting the Department of Physics of Complex Systems at the Weizmann Institute of Science. Dr. Zabusky is a teacher of physics, mathematics & fluid dynamics; scientific meeting innovator & organizer (*nonlinear science*); researcher & consultant in academia, industry, & US government labs. In the early 60's, he appreciated the role computer simulation as a route to discovery in nonlinear dynamical systems. He formalized & advocated the visiometric precept for dealing with massive data from simulation & experiment. In 2003 Dr. Zabusky emerged as an artist & art commentator; & as 2005 Science/Art 4th International Symposium organizer.

Jeremy Newman has directed numerous experimental & documentary videos. His work is frequently shown at film festivals & has also aired on several PBS stations. He is Associate Professor of Communications at The Richard Stockton College of New Jersey. Newman earned an MFA in Media Arts from The Ohio State University.

Jacques Laroche is a computer scientist who explores the intersection of science, politics & society. He has written related works on his blog, *Current Perspectives*, & most recently released a tutorial about online privacy titled *Anonymity in the Swarm*. Jacques is currently working with *Strike Debt* – an offshoot of Occupy, which, through its Rolling Jubilee Initiative, has purchased & abolished nearly \$15 million dollars of people's debt from around the country.

David Pleasant – a master percussionist, choreographer, composer, & scholar/writer, has spent over 30 years introducing an early African culture of GA & SC, Gullah-Geechee, forms to the mainstream. His work spans categories of Jazz, folk, HipHop, Dance, Broadway, & TV. He is an award winning performing artist, & education pioneer with guest artist, & collaborator credits for AI & technology series with ABC Nightline, & *Brave New World* with Brian Green, Robert Krulwich, & Ted Koppel. Pleasant is noted as a rhythm theoretician who bridges a discourse in time-space, syncopation, polyrhythm, & quantum scope complementary – with extant cultural epistemology.

Catherine Rutgers began exhibiting mixed-media collages, paintings, & wall-hanging constructions in 1979 & has presented or participated in shows at Vassar College, Bardavon 1869 Opera House, Barrett Art Center, Eli Whitney Museum, 12 X 12 X 12 X 2000 Small Painting & Sculpture Competition (San Jacinto College), & International Art Expo (New York). Since 2001, she has been translating her three-dimensional world to the screen through image capture & original photography. In 2010, she founded *CatRutgers4art.com*, featuring new artwork & an illustrated thesis on Dada, Surrealism, & Robert Rauschenberg. Her first contribution to the ArcheTime project celebrated change over time with four prints derived from such materials as a plastic pomegranate, typewriter- & computer-generated text, & a black vinyl LP that had been baked in a conventional oven (www.catrutgers.com/archetime.html).

Debra Swack is a Fulbright Specialist & a Phi Theta Kappa in computer science who began exhibiting new media & sound art in the early 90s at Xerox Parc in Palo Alto while doing software testing & technical writing for PolyGram Records/Universal Music Group. She is mentioned in "Art & Innovation at Xerox Parc" published in 1999 by MIT Press & works with immersive & interactive environments. Her most recent article on "the Emotions after Charles Darwin"; an interactive project on the universality of emotions on a biological level regardless of cultural classifications such as race or gender done collaboratively with international neuroscientists was just published in MIT's *Leonardo Electronic Almanac/ Volume 19*.

Olga Ast is an interdisciplinary conceptual artist & curator whose work investigates the connection between time, space & information. Ast has exhibited & lectured internationally, presenting her work at Rutgers, New York, Goettingen, Moscow, & other universities, the MIT, Museum of Natural Sciences of Turin, New Media Caucus, & NYC Future Salon. Ast published several books, including *Fleeing from Absence: four cross-disciplinary essays on time, its nature & its interpretations*; & *Infinite Instances: Studies & Images of Time*, a collection of papers & artworks by contributors to the ArcheTime project, dedicated to exploring artistic, academic & scientific, concepts of time, which Ast has been curating since 2009.

ArcheTime Project (www.archetime.net) is supported by the Lower Manhattan Cultural Council, The New York City Department of Cultural Affairs, Artspire (a program of NYFA), EFA Project Space, the Tank Space for Performing & Visual Arts, WIX Lounge, SET Gallery & the NYC Future Salon.